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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/781,120
				Filing Date	February 8, 2001
				First Named Inventor	Gregory L. Schaffer
				Group Art Unit	2838
				Examiner Name	Berhane, A.
				Attorney Docket Number	55123P086R
Sheet	1	of	2		

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					Attorney Docket Number	55123P086R

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
AB	AL	THOMPSON, R., "High-frequency silicon-controlled-rectifier sinusoidal inverter", Proceedings of the Inst. of Electrical Engineers, April 1963, pgs. 647-652, Vol. 110, No. 4	
	AM	GARTH, D.R. et al., "Multi-Phase, 2-Kilowatt, High-Voltage, Regulated Power Supply", IEEE Power Conditioning Specialists Conference Record, 1971, pgs. 110-116	
	AN	RIPPEL, WALLY E., "Optimizing Boost Chopper Charger Design", Proceedings of the Sixth National Solid-State Power Conversion Conference, 1979, pgs. D1-1 to D1-20	
	AO	NASA Technical Briefs No. MFS-28387, "Low-Inductance Wiring for Parallel Switching Transistors", March 1979, pgs. 1-6	
	AP	RIPPEL, WALLY E., "A New Coupled Inductor Two-Phase Switching Regulator Improves Device Utilization", Proceedings of PowerCon 7, 1980, pgs. E2-1 to E2-13	
	AQ	HEDEL, KURT K., "High-Density Avionic Power Supply", IEEE Transactions on Aerospace and Electronics Systems, September 1980, pgs. 615-619, Vol. AES-16, No. 5	
	AR	LEE, F.C. et al., "Investigations of Stability and Dynamic Performances of Switching Regulators Employing Current-Injected Control", IEEE Power Electronics Specialists Conference Record, 1981, pgs. 3-16	
	AS	SHORTT, D.J. et al., "A 600 Watt Four Stage Phase-Shifted-Parallel DC-to-DC Converter", IEEE Power Electronics Specialists Conference Record, 1985, pgs. 136-143	
	AT	NGUYEN, VIETSON et al., "A Multiphase Topology of Series-Resonant DC-DC Converter", Power Conversion International Magazine, March 1986, pgs. 46-49	
	AU	KLAASSENS, J. BEN et al., "Phase-Staggering Control of a Series-Resonant DC-DC Converter with Paralleled Power Modules", IEEE Transactions on Power Electronics, April 1988, pgs. 164-173, Vol. 3, No. 2	
	AV	MIWA, BRETT A. et al., "High Efficiency Power Factor Correction Using Interleaving Techniques", IEEE Applied Power Electronics Conference Proceedings, 1992, pgs. 557-568	
	AW	MIWA, BRETT ANDREW, "Interleaved Conversion Techniques for High Density Power Supplies", Doctoral Thesis, Massachusetts Institute of Technology, May 1992, pgs 1-193	

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